

Maryland

DEPARTMENT OF BUDGET & MANAGEMENT

Presentation To

Task Force For The Deployment Of Broadband In
Rural Maryland

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networkMaryland

- What It Is
- What It Will Become
- What It Is Not
- How It Can Impact Economic Development

networkMaryland **Is**

- Valuable State Asset For Cost Reduction
 - Draw Down \$125M Annual IT Spend
- 6 Points Of Presence, All MD. LATA's
 - Easton, Hagerstown, Annapolis, UMCP, Baltimore, LaPlata
- A Public Sector Network
 - 22 Agencies, 1 County, Higher Education

networkMaryland **Is**

- Guided By An Advisory Board
- Layer 2 Service - Inter LATA
 - Video, Data, File Sharing etc.
 - Between Locations Of An Agency
- Internet Service Provider (ISP)
 - With Qwest and MCI
 - Fail Over Service

networkMaryland **Is**

- Statewide Government Intranet (SwGI)
 - Financial Management Information System (FMIS)
- Built On A 40 Year Resource Share Agreement
- Fiber Optic Based Now
- A Mixture Of Leased & State Owned Facilities
- Being Built Through Inter Agency Cooperation
 - MDOT, MPT, Sailor, DBM

networkMaryland **Will Become**

- Statewide Points of Presence
 - 18 Jurisdictions
 - 19 Points Of Presence
- Overlay Multi Service Centers
 - Multiple Agencies In Same Area Aggregated
 - Eliminate Duplicative And Underutilized
- Internet 2 Peer For Higher Education
 - Baltimore Education Research Network (BERNet)

networkMaryland **Will Become**

- Combination Of Technologies
 - Fiber Optic Where Available
 - Microwave When Appropriate
- Platform For Statewide Technology Consolidation
 - Email
 - Virus Blocking
 - Spam Filtering
 - Virtual Trunking

networkMaryland **Will Become**

- Platform For Statewide Technology Consolidation

(continued)

- File Sharing Between Agencies

- Personnel Systems

- O&M Cost Covered BY DBM

- No Charge Back To Agencies

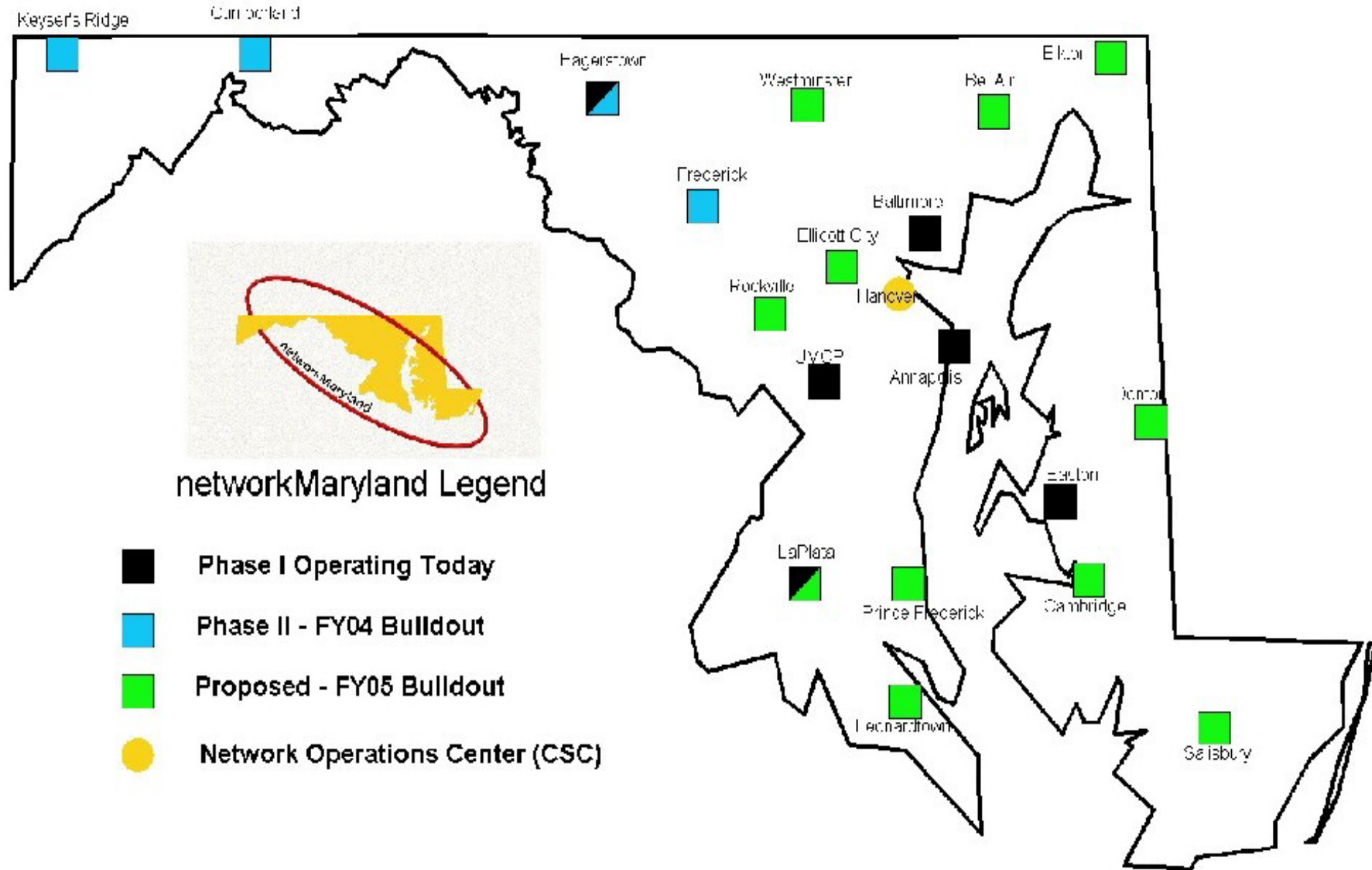
- More Efficient

- Know True Costs

networkMaryland **Will Become**

- A Service Provider For Other Government
 - For A Fee
 - Counties
 - Cities
 - Commissions
- A service Provider For Quasi Government
 - For A Fee
 - Telemedicine For Hospitals
 - Private Education
 - Libraries

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networkMaryland **Is Not**

- A Common Carrier
- Private Sector Service Provider
- To Be Built Out Beyond 25 Jurisdictions
(One Point Of Presence Per Jurisdiction)
- A Back Up To Commercial Services
- Funded To Be Ubiquitous

networkMaryland **Economic Development**

- Resource Share

- Spare Fiber To Keyzers Ridge
- Spare Fiber To Elkton
- Spare Fiber UMCP-Baltimore-Annapolis
- Space On 220 Wireless Infrastructure Towers
- Potential Fiber Across The Bay Bridge
- Preliminary Talks With Cavalier, Bay Country, Easton Utilities

networkMaryland **Economic Development**

- Make Resource Share Available To
 - Companies That Want To Build Broadband Networks
 - Companies That Can Exchange Assets Needed To Expand networkMaryland
 - Counties, Municipalities In Exchange For Access To Their Area Networks
 - Companies That Want To Grow In Or Move To Maryland

networkMaryland **Economic Development**

- Make networkMaryland Available To
 - Medical Research Facilities Such As Johns Hopkins
 - Higher Education Research Facilities
 - Via TEDCO To Incubator Companies
 - Via DBED To Induce Investment

networkMaryland **Summary**

- Different Than Originally Envisioned
- A More Clearly Defined Mission
- Substantially Less Expensive And Extensive
- A Cost Containment Asset
- Indirectly Contribute To Economic Development
- A More Efficient Government
- Can Centralize Statewide Functions



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Questions?

Advice?



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